



WIFA

Water Infrastructure Finance Authority  
of Arizona

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## Arizona's Drinking Water Revolving Fund



### Intended Use Plan Funding Cycle 2005

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Governor Janet Napolitano  
WIFA Chairman Stephen A. Owens  
WIFA Executive Director Jay R. Spector

*January 2005*

## Table of Contents

<b>Executive Summary .....</b>	<b>i</b>
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### **Intended Use Plan**

Section 1: Introduction.....	1
Section 2: Funding Sources and Uses.....	1
Section 3: Goals .....	3
Section 4: Method and Criteria for Distributing Arizona’s DWRF.....	3
Section 5: Public Review and Comment .....	5
Section 6: Assurances .....	5

*Exhibit A: 2005 Funding Cycle Priority List*

*Exhibit B: 2005 Funding Cycle Fundable Range for Design*

*Exhibit C: 2005 Funding Cycle Fundable Range for Construction*

*Exhibit D: Public Review and Comment*

## EXECUTIVE SUMMARY

The Water Infrastructure Finance Authority of Arizona (WIFA) Board of Directors is pleased to release **Arizona's Drinking Water Revolving Fund (DWRF) Intended Use Plan (IUP) for the 2005 funding cycle**. The DWRF IUP describes WIFA's plan to utilize various sources of funds to finance drinking water infrastructure and support related program activities during the 2005 funding cycle from January 1, 2005 through December 31, 2005.

Included as *Exhibit A* of the DWRF IUP is the **2005 Funding Cycle Priority List (PL)**. The PL shows communities and water systems seeking financial assistance from Arizona's DWRF. At the release of this report, communities and water systems throughout Arizona submitted **44 applications requesting \$71,536,578 in financial assistance**.

From January 1, 2005 through December 31, 2005, the WIFA Board of Directors will use the PL as a guide to allocate financial assistance from Arizona's DWRF to communities and water systems listed on the PL. Each board meeting, the WIFA Board of Directors may revise the PL and modify the fundable range for construction based on project readiness to proceed and other new information. WIFA staff will post the revised PL on the WIFA Web site ([www.azwifa.gov](http://www.azwifa.gov)).

Overall, the financial assistance and related program activities supported by Arizona's DWRF share the same objectives: **protect public health, ensure safe and sustainable drinking water, and guarantee the affordability of basic water infrastructure**. Arizona's DWRF also support the national program goal of Clean and Safe Water and the national program objective to protect public health and assist water systems in providing water safe to drink (EPA IFMS PRC: 201B81E).

## SECTION 1: INTRODUCTION

During the 2005 funding cycle, Arizona's DWRF capacity will depend on the:

1. Amount of state contributions to Arizona's DWRF;
2. Amount of federal contributions to Arizona's DWRF;
3. Financing structure needs of water systems;
4. Interest rate on the DWRF financial assistance; and,
5. Availability of other state funds to support financial assistance activity.

Available funding for funding cycle 2005 has increased in comparison to funding cycle 2004 due to WIFA's 2004 bond sale and the proceeds received from that sale. Arizona's DWRF also support the national program goal of Clean and Safe Water and the national program objective to protect public health and assist water systems in providing water safe to drink (EPA IFMS PRC: 201B81E)."

## SECTION 2: FUNDING SOURCES AND USES

Arizona's DWRF is capitalized by state contributions and by contributions appropriated by the United States Congress. Once capitalized, Arizona's DWRF provides, in perpetuity, financial assistance to drinking water systems throughout Arizona.

**Through active portfolio and financial management, WIFA's lending capacity could be increased during the funding cycle by leveraging the revolving fund and by issuing water quality bonds.**

During the 2005 funding cycle, Arizona's DWRF will rely on the funding outlined in **Table 1** to provide financial assistance to communities, support WIFA's operations, and support related program activities administered by WIFA and/or the Arizona Department of Environmental Quality (ADEQ). Each of the intended uses of funding is more fully described in Table 1.

**Table 1: Arizona DWRF Sources and Uses for 2005 Funding Cycle**

	<b>Federal Contributions</b>	<b>State Contributions*</b>	<b>WIFA Revenue</b>	<b>WIFA Loan Accounts</b>	<b>Total</b>
<b>Funding Sources</b>					
Financial Assistance Funds				\$51,261,327	\$51,261,327
2005 Funds	\$9,410,300	\$1,882,060	\$1,472,615		\$12,764,975
<b>Total Funding Sources</b>	<b>\$9,410,300</b>	<b>\$1,882,060</b>	<b>\$1,472,615</b>	<b>\$51,261,327</b>	<b>\$64,026,302</b>
<b>Funding Uses</b>					
Financial Assistance Funds	\$9,033,888	\$1,882,060		\$51,261,327	\$62,177,275
Public Water System Supervision			\$1,472,615		\$1,472,615
Administration	\$376,412				\$376,412
<b>Total Funding Uses</b>	<b>\$9,410,300</b>	<b>\$1,882,060</b>	<b>\$1,472,615</b>	<b>\$51,261,327</b>	<b>\$64,026,302</b>

\*State match may be either WIFA bonds or state general fund monies.

The sources and uses for the 2005 funding cycle shown in Table 1 are based on the FY 2005 budget. The federal budget for the DWRP in 2005 is \$850 million.

**Financial Assistance: \$62,177,275**

WIFA will provide cash funded loans for financial assistance. WIFA will reserve a minimum of 15% for water systems that serve less than 10,000 persons.

Forgivable Principal: \$450,000 – WIFA may award forgivable principal to disadvantaged communities in accordance with WIFA Policy 1.013 – Disadvantaged Drinking Water Systems. Funds not awarded for this will revert to loans effective December 31, 2005.

**Public Water System Supervision (PWSS): \$1,472,615**

During state FY 2005, ADEQ will use this funding for the PWSS Program, which encompasses all of the various activities involved in implementing the Safe Drinking Water Act requirements in Arizona. These activities include operator certification, source water assessment and protection, development of regulatory guidance and assistance documents, assisting systems in obtaining the technical, financial, and managerial capability to comply with drinking water regulations, and technical consultations on water system and treatment system design.

**Administration: \$376,412** – During state FY 2005, WIFA will use the funding to administer Arizona's DWRP and assist drinking water systems to conceive, develop, expedite, construct, and finance technically sound and sustainable water infrastructure.

**Technical and Local Assistance** will be addressed in the Technical Assistance (TA) Intended Use Plan (IUP). The TA cycle begins **July 1, 2005** and ends **June 30, 2006**. Please visit WIFA's Web site ([www.azwifa.gov](http://www.azwifa.gov)) for more information about WIFA's technical and local assistance programs.

### SECTION 3: GOALS

WIFA adopts an annual strategic plan listing goals, ongoing objectives, and annual objectives. The goals listed below are taken directly from the WIFA 2004-2005 Strategic Plan. For additional detail on goals, ongoing objectives, and annual objectives, request a copy of the WIFA 2004-2005 Strategic Plan from WIFA's Communications Director, (602) 364-1314.

**Goal 1:** Award WIFA's resources in accordance with the needs of Arizona's citizens.

**Goal 2:** Maintain the fiscal integrity of WIFA's funds and assure continuous enhancement for future generations.

**Goal 3:** Facilitate access to and efficiently deliver financial and technical assistance.

**Goal 4:** Coordinate with other funding sources, technical resources, and regulatory authorities, and private sector legal and financial counterparts.

**Goal 5:** Actively pursue leadership in infrastructure finance.

**Goal 6:** Efficiently administer WIFA within a positive work environment.

**Goal 7:** Facilitate and encourage board of directors' involvement in WIFA.

### SECTION 4: METHOD AND CRITERIA FOR DISTRIBUTING ARIZONA'S DWRF

**Lending Capacity for 2005 Funding Cycle** – If there are insufficient projects ready to proceed during the 2005 funding cycle, WIFA will apply funds to the FY 2006 funding cycle project priority list. If additional funding becomes available during the fiscal year, WIFA will expand the fundable range of the 2005 funding cycle project priority list.

Each board meeting, the WIFA Board of Directors may update the DWRF PL, fundable range for design and fundable range for construction based on project readiness to proceed, refined project cost estimates, availability of other funding sources, and other new information affecting the expansion and contraction of the PL and fundable ranges. The WIFA Board of Directors will adopt the updated DWRF PL and fundable ranges at public meetings and will distribute the updates to all DWRF PL applicants and other interested parties.

**Priority List, Exhibit A** – On Wednesday, Oct. 27, 2004, WIFA staff convened a scoring committee including members from the Arizona Department of Environmental Quality, Arizona Department of Water Resources, Arizona Corporation Commission and U.S. Department of Agriculture Rural Development. The committee scored and ranked priority list applications submitted by communities pursuant to WIFA's DWRF award criteria. All eligible applications received appear on the 2005 funding cycle priority list.

**Fundable Range for Design, Exhibit B** – Includes the highest ranking applicants ready to receive design assistance during the funding cycle.

**Fundable Range for Construction, Exhibit C** – Includes the highest ranking applicants ready to receive construction assistance.

**Market Loan Rate** – The WIFA Board of Directors has established a target interest rate ranging between 70% and 100% of tax-exempt interest or prime rates. The WIFA Board of Directors will set interest rates/subsidies on individual loans pursuant to the:

- ✓ Priority of the project;
- ✓ Local fiscal capacity of the area served by the system requesting assistance; and,
- ✓ Lending capacity of Arizona's DWRP.

Local fiscal capacity will be measured by the area's median household income, user rates and charges, and the community's outstanding debt.

**Binding Commitments** – The WIFA Board of Directors will allocate financial assistance in accordance with DWRP funds available, the DWRP PL, financial assistance requested, a community's financial capacity, and project readiness to proceed.

Once on the DWRP PL, an applicant will submit a project finance application to request financial assistance. WIFA staff will review the project finance application, analyze the applicant's legal, technical, managerial, and financial capability, and provide recommendations to the WIFA Board of Directors. The WIFA Board of Directors approves an applicant's financial assistance request, WIFA staff will prepare and circulate financial assistance documents to evidence the binding commitment in accordance with applicable federal requirements.

## SECTION 5: PUBLIC REVIEW AND COMMENT

WIFA solicited public review and comment on the draft **2005 DWRF IUP and PL** according to the following schedule of activities:

November 4, 2004	Distribution and Web posting of the draft DWRF IUP and PL to all interested parties.
November 16, 2004	Public Hearing – 1110 West Washington, Room #250, Phoenix, Arizona 85007 10 a.m.
November 23, 2004	Deadline for public comments on the draft DWRF IUP and PL.
December 8, 2004	The WIFA Board of Directors adopts the final DWRF IUP and PL.
January 3, 2005	Final DWRF IUP and PL become effective. Distribution and Web posting of Final DWRF IUP and PL.

## SECTION 6: ASSURANCES

**Files and Records Retention** – WIFA will receive and review project documents from financial assistance applicants. These documents will be filed in official project files maintained by WIFA. The project files and other DWRF records will be made available in accordance with the Arizona public records law. It is expected that EPA will review the files on a sample basis in conjunction with on-site visits scheduled as part of WIFA's annual review or other monitoring of the state's management of DWRF funds.

WIFA will retain the official project files and other DWRF files in accordance with federal and state requirements.

**Expeditious and Timely Expenditures** – WIFA will expend DWRF funds in a timely and expeditious manner.

**Environmental Review Requirements** – In accordance with applicable federal requirements, WIFA will continue to conduct environmental reviews pursuant to applicable federal and state statutes and rules.



**Exhibit A:**

**2005 Funding Cycle Priority List**

**Arizona's Drinking Water Revolving Fund**

**Arizona's Drinking Water Revolving Fund**  
**2005 Funding Cycle – Priority List for Drinking Water Revolving Fund**  
**September 21, 2005**

<b>Rank</b>	<b>Applicant</b>	<b>Population</b>	<b>Project Title</b>	<b>Project #</b>	<b>Amount Requested</b>	<b>Subsidy Rate Index</b>
1	Naco Water Company	1,086	Phase II Water Main Completion and Well Refurbishing	051 2005	\$ 700,000	70%
2	Rincon Water Company	115	Main Replacement	011 2005	\$ 143,000	70%
3	Mountain Glen Water Service	771	Water Sytem Upgrade and Arsenic Compliance	053 2005	\$ 176,000	70%
4	Shepard Water Company	450	Martinez Lake Well Site Arsenic Treatment	056 2005	\$ 200,000	75%
5	Flowing Wells Irrigation District	16,000	Arsenic Treatment System	012 2005	\$ 1,000,000	70%
6	Camp Verde Water System	2,500	Arsenic Treatment System and Relocation of Source Main	035 2005	\$ 1,200,000	70%
7	Golden Corridor Water Co.	115	Storage and Booster System Replacement	004 2005	\$ 60,000	70%
8	Antelope Run/Indiada Water Companies	500	Consolidation of Companies, with Upgrade and Increase Storage Capacity	040 2005	\$ 600,000	75%
9	Sitgreaves Water Company	180	Storage Tank Design	014 2005	\$ 25,000	70%
10	Oak Creek Utility Corp.	50	Storage Capacity Upgrade	009 2005	\$ 50,000	70%
11	Sue Juan Water Company	120	Arsenic Removal and Treatment (POU or well head)	048 2005	\$ 50,000	70%
12	Far West Water & Sewer, Inc.	27,482	Water Treatment Plant Two	024 2005	\$ 7,000,000	70%
13	East Slope Water Company	1,700	Increase Capacity at Ramsey Storage/Pumping Facility	039 2005	\$ 400,000	70%
14	Verde Lee Water Company	500	Arsenic Removal by Home Installation of Reverse Osmosis Units	044 2005	\$ 36,000	70%
15	Abra Water Company	1,320	Arsenic Removal and Treatment System	049 2005	\$ 260,000	70%
16	City of Page	9,500	Page - Le Chee Water Supply	054 2005	\$ 8,700,000	80%
17	City of El Mirage	8,800	Mandated Water System Improvements & Debt Restructuring	050 2005	\$ 27,900,402	70%
18	Water Utility of Greater Buckeye	1,193	Arsenic Removal and Treatment Facilities	036 2005	\$ 300,000	70%
19	Water Utility of Greater Tonopah	515	Arsenic Removal and Treatment Facilities	038 2005	\$ 850,000	70%
20	North Mohave Valley Corp.	4,200	Tank Construction and Rehabilitation	047 2005	\$ 250,000	70%
21	Keaton Development Company	1,000	System Evaluation of Production, and Distribution System	013 2005	\$ 35,000	70%
22	Valencia Water Company	3,845	Arsenic Removal and Treatment Facilites	037 2005	\$ 4,400,000	75%
23	Lagoon Estates Water Company	125	Arsenic Point of Use Treatment Program	059 2005	\$ 35,000	75%
24	Livco Water Company	1,200	Old Concho/Concho Valley Consolidation	028 2005	\$ 150,000	70%
25	Tucson Water Department	408,865	South Avra Valley Raw Water Delivery Pipeline	026 2005	\$ 2,000,000	75%
26	Valley Utilities Water Company	4,400	Arsenic Removal and Treatment Facilities	043 2005	\$ 1,883,600	75%
27	Las Quintas Serenas Water Company	4,000	Arsenic Remediation and Storage Addition	057 2005	\$ 1,789,375	80%
28	Community Water Company	16,000	Design/Construction of Arsenic Treatment Facilities	008 2005	\$ 3,700,000	75%
29	Green Valley DWID	8,000	Groundwater treatment System and New Well	046 2005	\$ 1,400,000	75%
30	Mohawk Utility Company	400	Upgrade of Plant and Expansion of Storage	015 2005	\$ 75,000	70%
31	Tacna Water Co.	350	New Source of Quality Water	002 2005	\$ 300,000	75%
32	City of Flagstaff	60,988	New Water Wells	006 2005	\$ 8,500,000	75%
33	Livco Water Company	1,200	Upgrade/Replace Water Meters	027 2005	\$ 75,000	70%
34	Metropolitan Domestic Water Improvement	144,000	Village Ave. C/D Zone Transmission Main	017 2005	\$ 165,000	70%
35	Metropolitan Domestic Water Improvement	144,000	Mainline Replacement Projects	018 2005	\$ 530,000	70%

36	Metropolitan Domestic Water Improvement	144,000	Northeast Reservoir Booster Station	019	2005	\$	700,000	70%
37	Metropolitan Domestic Water Improvement	144,000	Northeast Reservoir Gravity Storage System Installation	020	2005	\$	5,500,000	70%
38	Metropolitan Domestic Water Improvement	144,000	Paseo Del Norte Transmission Main	021	2005	\$	165,000	70%
39	Metropolitan Domestic Water Improvement	144,000	Magee Road Transmission Main - Phase 3	022	2005	\$	1,350,000	75%
40	City of Phoenix	1,480,187	Deer Valley WTP Granular Activated Carbon Conversion	023	2005	\$	6,800,000	85%
41	Livco Water Company	1,200	Well #3 Pump, Controls and Connect to System	030	2005	\$	20,000	75%
42	Livco Water Company	1,200	Well #4 Pump, Controls and Connect to System	031	2005	\$	40,000	75%
43	Beaver Dam Water Co.	1,000	Expansion and Upgrade of Storage and Distribution System	045	2005	\$	250,000	75%
44	Livco Water Company	1,200	Replace Asbestos Pipeline	034	2005	\$	120,000	70%
45	City of Flagstaff	60,988	Future Water Acquisition	005	2005	\$	15,000,000	80%
46	Livco Water Company	1,200	Water Storage Capacity	029	2005	\$	100,000	75%
47	Stanfield Elementary School District #24	1,000	Repair/Rehab. Existing Well	042	2005	\$	28,000	75%
48	City of Williams	2,842	Water Treatment Plant Upgrades	055	2005	\$	900,000	80%
49	Clear Springs Utility Co. Inc.	1,142	Repairs and Upgrades to Distribution and Booster Pumps	058	2005	\$	66,472	80%
50	Yarnell Water Improvement Association	1,300	Upgrade Wells Project	010	2005	\$	250,000	75%
51	Livco Water Company	1,200	Well #4 Activate Inactive Well	032	2005	\$	15,000	80%
52	Livco Water Company	1,200	Well #3 Activater Inactive Well	033	2005	\$	20,000	80%
53	Pineview Water Company	4,000	2 Million Gallon Storage Tank/12" Transmission Main	001	2005	\$	680,978	75%
54	Double G Mobile & RV	90	Water Storage and New Well	016	2005	\$	20,000	80%
55	Forest Lakes DWID	2,500	Installation of Water Meters for Conservation	007	2005	\$	675,000	80%
56	Tucson Water Department	408,865	Southeast E-Zone Reservoir	025	2005	\$	1,500,000	85%
57	Antelope Run Water Company	400	New Wells	041	2005	\$	100,000	80%
58	City of Globe	8,565	Expansion and Upgrade of Storage and Distribution System	003	2005	\$	5,000,000	80%

**Exhibit B:**

**2005 Funding Cycle Fundable Range for Design**

**Arizona's Drinking Water Revolving Fund**

**Arizona's Drinking Water Revolving Fund**  
**2005 Funding Cycle – Fundable Range for Design Financial Assistance**  
**August 15, 2005**

<b>Fundable Range</b>	<b>Fundable Rank</b>	<b>MPL Rank</b>	<b>Applicant</b>	<b>Project Title</b>	<b>Project #</b>	<b>Amount Requested</b>	<b>Subsidy Rate Index</b>
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**Exhibit C:**

**2005 Funding Cycle Fundable Range for Construction**

**Arizona's Drinking Water Revolving Fund**

**Arizona's Drinking Water Revolving Fund**  
**2005 Funding Cycle – Fundable Range for Construction Financial Assistance**  
**August 15, 2005**

<b>Fundable Range Rank</b>	<b>MPL Rank</b>	<b>Applicant</b>	<b>Project Title</b>	<b>Project #</b>	<b>Amount Requested</b>
1	57	North Mohave Valley Corp.	Tank Construction and Rehabilitation	047 2005	\$ 250,000
2	70	Metropolitan Domestic Water Improvement District	Mainline Replacement Projects	018 2005	\$ 530,000
3	76	Livco Water Company	Well #3 Pump, Controls and Connect to System	030 2005	\$ 20,000
4	81	Livco Water Company	Water Storage Capacity	029 2005	\$ 100,000

**Exhibit D:**

**Public Review and Comment Summary**

**Arizona's Drinking Water Revolving Fund**